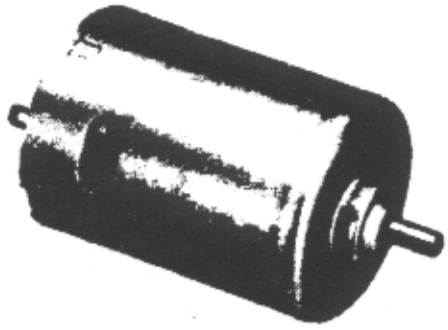
132231

HC987G



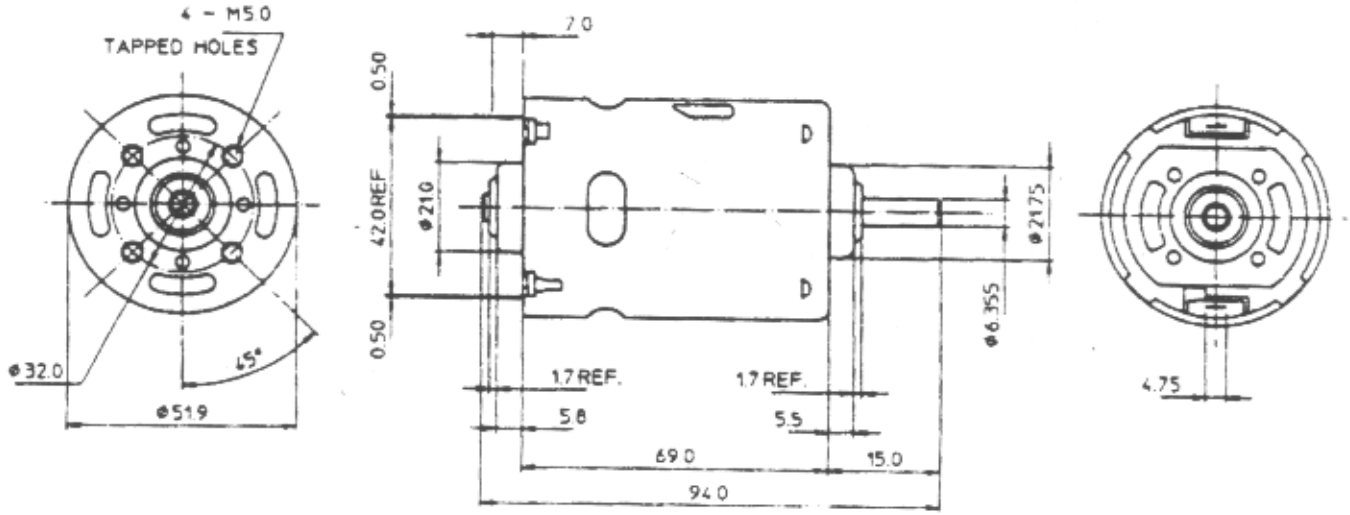
JOHNSON

PMDC SERIES

Typical Applications

Automotive Accessories	: Tyre Pump, Car Vacuum Cleaner
In Cordless Tools	: Drill, String Trimmer
In Leisure Products	: Bilge Pump, Ride-on Toy Car

All Dimensions in mm



Some Windings

MODEL	NOMINAL VOLTAGE	FREE LOAD		AT MAX. EFFICIENCY			AT MAX. POWER			AT STALL		MOTOR CHARACTERISTICS			
		SPEED	CURRENT	SPEED	CURRENT	TORQUE	SPEED	CURRENT	TORQUE	CURRENT	TORQUE	Kt	Kv	R	REGULATION
	V	RPM	A	RPM	A	mNm	RPM	A	mNm	A	mNm	mNm/A	mV/RAD/S	Ω	RPM/mNm
HC987G/1	10.0	18593	4.47	15822	25.51	108.3	9297	75.06	363.5	145.6	727.1	5.150	5.150	0.069	25.57
HC987G/2	12.0	16244	2.97	14108	19.59	109.9	8.72	66.17	417.8	129.3	835.6	6.610	6.610	0.093	19.44
HC987G/3	12.0	5319	0.69	4476	3.68	57.95	2660	10.11	182.7	19.53	365.5	19.41	19.41	0.615	14.55
HC987G/4	12.0	3876	0.34	3306	1.99	44.61	1938	5.94	151.6	11.53	303.2	27.10	27.10	1.040	12.78
HC987G/5	10.5	2932	0.46	2444	2.32	60.71	1466	6.04	182.5	11.61	365.1	32.74	32.74	0.904	8.05
HC987G/6	24.0	3227	0.21	2725	1.16	61.73	1614	3.25	198.4	6.28	396.9	65.41	65.41	3.5..	8.17